

5328us.ST25.txt
SEQUENCE LISTING

<110> Sobek, Harald
Frey, Bruno
Antranikian, Garabed
Boehlke, Kristina
Pisani, Francesca Maria
Rossi, Mose

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<151> 2000-03-11

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Arg	Ile	Phe	Lys	Lys	Glu	Asn	Gly	Glu	Phe	Lys	Ile	Glu	Leu	Asp	Pro		
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Val	Val	Asp	Ala	Val	Lys	Val	Lys	Lys	Lys	Phe	Leu	Gly	Arg	Asp	Val		
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Glu	Val	Trp	Lys	Leu	Ile	Phe	Glu	His	Pro	Gln	Asp	Val	Pro	Ala	Leu		
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Asp	Ile	Pro	Phe	Ala	Lys	Arg	Tyr	Leu	Ile	Asp	Lys	Gly	Leu	Ile	Pro		
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Ser	Tyr	Ala	Asp	Glu	Glu	Glu	Ala	Arg	Val	Ile	Thr	Trp	Lys	Asn	Ile		
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Pro	Thr	Tyr	Thr	Leu	Glu	Ala	Val	Tyr	Glu	Ala	Val	Leu	Gly	Lys	Thr	
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Val	Thr	His	Asn	Val	Ser	Pro	Asp	Thr	Leu	Glu	Arg	Glu	Gly	Cys	Lys	
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35 40 45

Asp Glu Ile Lys Ala Ile Lys Gly Glu Arg His Gly Lys Ile Val Arg
50 55 60

Val Val Asp Ala Val Lys Val Lys Lys Lys Phe Leu Gly Arg Asp Val
65 70 75 80

Glu Val Trp Lys Leu Ile Phe Glu His Pro Gln Asp Val Pro Ala Leu
85 90 95

Arg Gly Lys Ile Arg Glu His Pro Ala Val Ile Asp Ile Tyr Glu Tyr
100 105 110

Asp Ile Pro Phe Ala Lys Arg Tyr Leu Ile Asp Lys Gly Leu Ile Pro
115 120 125

Met Glu Gly Asp Glu Glu Leu Lys Leu Met Ala Phe Asp Ile Glu Thr
130 135 140

Phe Tyr His Glu Gly Asp Glu Phe Gly Lys Gly Glu Ile Ile Met Ile

340

345

350

Asn Leu Val Glu Trp Tyr Leu Leu Arg Val Ala Tyr Glu Arg Asn Glu
 355 360 365

Leu Ala Pro Asn Lys Pro Asp Glu Glu Glu Tyr Arg Arg Arg Leu Arg
 370 375 380

Thr Thr Tyr Leu Gly Gly Tyr Val Lys Glu Pro Glu Arg Gly Leu Trp
 385 390 395 400

Glu Asn Ile Thr Tyr Leu Asp Phe Arg Cys Leu Tyr Pro Ser Ile Ile
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Val Thr His Asn Val Ser Pro Asp Thr Leu Glu Arg Glu Gly Cys Lys
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Asn Tyr Asp Val Ala Pro Ile Val Gly Tyr Lys Phe Cys Lys Asp Phe
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Pro Gly Phe Ile Pro Ser Ile Leu Gly Glu Leu Ile Thr Met Arg Gln
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Glu Ile Lys Lys Lys Met Lys Ala Thr Ile Asp Pro Ile Glu Lys Lys
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Met Leu Asp Tyr Arg Gln Arg Ala Val Lys Leu His Ala Asn Ser Tyr
 485 490 495

Tyr Gly Tyr Met Gly Tyr Pro Lys Ala Arg Trp Tyr Ser Lys Glu Cys
 500 505 510

Ala Glu Ser Val Thr Ala Trp Gly Arg His Tyr Ile Glu Met Thr Ile
 515 520 525

Lys Glu Ile Glu Glu Lys Phe Gly Phe Lys Val Leu Tyr Ala Asp Thr

530

535

540

Asp Gly Phe Tyr Ala Thr Ile Pro Gly Glu Lys Pro Glu Thr Ile Lys
 545 550 555 560

Lys Lys Ala Lys Glu Phe Leu Lys Tyr Ile Asn Ser Lys Leu Pro Gly
 565 570 575

Leu Leu Glu Leu Glu Tyr Glu Gly Phe Tyr Leu Arg Gly Phe Phe Val
 580 585 590

Ala Lys Lys Arg Tyr Ala Val Ile Asp Glu Glu Gly Arg Ile Thr Thr
 595 600 605

Arg Gly Leu Glu Val Val Arg Arg Asp Trp Ser Glu Ile Ala Lys Glu
 610 615 620

Thr Gln Ala Lys Val Leu Glu Ala Ile Leu Lys Glu Asp Ser Val Glu
 625 630 635 640

Lys Ala Val Glu Ile Val Lys Asp Val Val Glu Glu Ile Ala Lys Tyr
 645 650 655

Gln Val Pro Leu Glu Lys Leu Val Ile His Glu Gln Ile Thr Lys Asp
 660 665 670

Leu Ser Glu Tyr Lys Ala Ile Gly Pro His Val Ala Ile Ala Lys Arg
 675 680 685

Leu Ala Ala Lys Gly Ile Lys Val Arg Pro Gly Thr Ile Ile Ser Tyr
 690 695 700

Ile Val Leu Arg Gly Ser Gly Lys Ile Ser Asp Arg Val Ile Leu Leu
 705 710 715 720

Ser Glu Tyr Asp Pro Lys Lys His Lys Tyr Asp Pro Asp Tyr Tyr Ile

735

Asp Ala Trp Leu Lys Lys
770